

MODIFIED Form PTO-1595  
(Rev. 10/02)**RECORDATION FORM COVER SHEET  
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kazunori KANEDA  
Yoshinori KURIYA  
Kazuya TSUKAMOTO  
Nobumasa ARASHIBA  
Akinori NAGATOMO  
Kouki OOGAKI  
Takeshi KOBAYASHIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

BRIDGESTONE CORPORATION  
10-, Kyobashi 1-chome,  
Chuo-ku, Tokyo 104-8340 JapanMITSUI CHEMICALS, INC.  
5-2, Higashi-Shimbashi 1-chome,  
Minato-ku, Tokyo 105-7117 Japan

## 3. Nature of conveyance:

- ☒
- Assignment
- ☐
- Merger
- 
- ☐
- Security Agreement
- ☐
- Change of Name
- 
- ☐
- Other

Execution Date: September 11, 2006, September 11, 2006,  
September 13, 2006, September 11, 2006, August 23, 2006,  
August 28, 2006 and August 23, 2006Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 11, 2006,  
September 11; 2006, September 13, 2006, September 11, 2006, August 23, 2006, August 28, 2006 and August 23, 2006A. Patent Application No.(s)  
10/598,688

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒
- Enclosed.
- 
- ☒
- Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

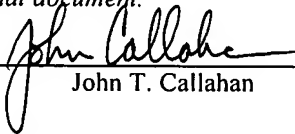
## 8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

John T. Callahan

Reg. No. 32,607

May 14, 2007

05/16/2007 GFREY Date 00000009 10598688

40.00 OP

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

**MAIL STOP ASSIGNMENT RECORDATION SERVICES**

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

## Assignment

Whereas, I/We, Kazunori KANEDA and Yoshinori KURIYA (hereinafter called Assignor(s)), have invented certain improvements in

RUBBER COMPOSITION AND PNEUMATIC TIRE USING THE SAME  
and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,

BRIDGESTONE CORPORATION

10-1, Kyobashi 1-chome, Chuo-ku,

Tokyo 104-8340 Japan

MITSUI CHEMICALS, INC.

5-2, Higashi-Shimbashi 1-chome, Minato-ku,

Tokyo 105-7117 Japan

(hereinafter called Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now, therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named Assignor(s), hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with the United States application when called upon to do so by the Assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number PCT/JP2005/003908 and Confirmation number \_\_\_\_\_, filed March 7, 2005) the application number, confirmation number and filing date of said application when known.

Date: 2006/09/11 Kazunori Kaneda

s/ Kazunori KANEDA

Date: 2006/09/11 Y. Kuriya

s/ Yoshinori KURIYA

Date: \_\_\_\_\_

s/ I

Date: \_\_\_\_\_

s/

(Legalization not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. §261.)

## Assignment

Whereas, I/We, Kazuya TSUKAMOTO, Nobumasa ARASHIBA, Akinori NAGATOMO, Kouki OOGAKI and Takeshi KOBAYASHI (hereinafter called Assignor(s)), have invented certain improvements in

RUBBER COMPOSITION AND PNEUMATIC TIRE USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,

BRIDGESTONE CORPORATION

10-1, Kyobashi 1-chome, Chuo-ku,

Tokyo 104-8340 Japan

MITSUI CHEMICALS, INC.

5-2, Higashi-Shimbashi 1-chome, Minato-ku,

Tokyo 105-7117 Japan

(hereinafter called Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now, therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named Assignor(s), hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with the United States application when called upon to do so by the Assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number PCT/JP2005/003908 and Confirmation number \_\_\_\_\_, filed March 7, 2005) the application number, confirmation number and filing date of said application when known.

Date: Sept. 13, 2006 Kazuya Tsukamoto  
s/ Kazuya TSUKAMOTO

Date: Sept. 11, 2006 [Signature]  
s/ Nobumasa ARASHIBA

Date: August 23, 2006 Akinori Nagatomo  
s/ Akinori NAGATOMO

Date: August 28, 2006 Kouki Oogaki  
s/ Kouki OOGAKI

Date: August 23, 2006 Takeshi Kobayashi  
s/ Takeshi KOBAYASHI

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 C.F.R. 1.63)

## 特許出願宣言書および委任状(37 C.F.R. 1.63)

### Japanese Language Declaration

私は以下の通り宣言します：

各発明者の住所、郵送先、および国籍は下記氏名の後に記載された通りです。

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、下記に記載された発明者が本来かつ最初の発明者であると信じます。

---



---



---



---



---

☐ 上記発明の明細書は本書に添付されます。

または

☐ 上記発明は米国出願番号あるいは PCT 国際出願番号 \_\_\_\_\_ (確認番号 \_\_\_\_\_) として \_\_\_\_\_ 年\_\_月\_\_日に出願され、  
\_\_\_\_\_ 年\_\_月\_\_日に補正されました (該当する場合)。

私は補正が上に明示された場合は補正された特許請求範囲を含む前記明細書の内容を検討し、理解していることをここに表明します。

私は一部継続出願の場合先行出願の出願日から一部継続出願の国内あるいは PCT 国際出願日までの期間中に入手された重要な情報を含み、37 C.F.R. 1.56 に定義される特許性に肝要な情報について開示義務があることを認めます。

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RUBBER COMPOSITION AND PNEUMATIC TIRE USING  
THE SAME

☐ the specification of which is attached hereto

OR

☒ was filed on March 7, 2005  
as United States Application Number or PCT  
International Application Number PCT/JP2005/003908  
(Confirmation No. \_\_\_\_\_),  
and was amended on \_\_\_\_\_

\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

## Japanese Language Declaration

私は 35 U.S.C. 119(a)-(d) あるいは (f), または 365(b) に基づき特許、発明者、あるいは植物育種家証書の下記外国出願、または 365(a) に基づきアメリカ合衆国以外の少なくとも 1ヶ国を指定した下記 PCT 国際出願についての外国優先権特典をここに主張するとともに、下記項目に x 印を付けることにより優先権を主張する出願以前の出願日を有する特許、発明者、あるいは植物育種家証書の外国出願または PCT 国際出願を示します。

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application Number(s)**  
**先行外国出願番号**

### Priority Claimed? 優先権の主張？

Yes  
有り  
☒

No  
無し  
☐

2004-70,663	Japan
(Application Number)	(Country)
(出願番号)	(国名)

12.03.2004  
(Filing Date)  
(出願日)

2004-70,892	Japan
(Application Number)	(Country)
(出願番号)	(国名)

12.03.2004  
(Filing Date)  
(出願日)

私は 35 U.S.C. 119(e)に基づき下記の米国仮特許出願の国内優先権をここに主張します。

I hereby claim domestic priority under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

<u>(Application Number)</u> (出願番号)	<u>(Filing Date)</u> (出願日)
---------------------------------------	-------------------------------

(Application Number) (Filing Date)  
(出願番号) (出願日)

私は 35 U.S.C. 120 に基づき下記米国特許出願、あるいは 365(c)に基づき米国を指定する下記 PCT 国際出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が 35 U.S.C. 112 の最初の項に規定される方法により先行米国あるいは PCT 国際特許出願で開示されていない限りにおいて 37 C.F.R. 1.56 に定義される本出願の特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいは PCT 国際出願日までの期間中に入手された情報について開示義務があることを認めます。

I hereby claim benefit under 35 U.S.C. 120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)  
先行米国あるいは国際出願番号

(Application Number) (Filing Date)  
(出願番号) (出願日)

(Status: patented, pending, abandoned)  
(狀態：特許成立済、係屬中、放棄済)

(Application Number) (出願番号)	(Filing Date) (出願日)
--------------------------------	------------------------

(Status: patented, pending, abandoned)  
(狀態：特許成立済、係屬中、放棄済)

私は本宣言書内で私自身の知識に基づいてなされたすべての陳述が真実であり、情報および信ずるところに基づいてなされたすべての陳述が真実であると信じられていることをここに宣言し、さらに故意になされた虚偽の陳述等々は 18 U.S.C. 1001 に基づき罰金あるいは拘禁または両方による処罰にあたり、またかような故意による虚偽の陳述はそれに基づく特許出願あるいは成立特許の有効性を危うくする可能性があることを認識した上でこれらの陳述をなしたことを宣言します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Japanese Language Declaration

委任状：私は下記の米国特許商標局（USPTO）顧客番号のもとに記載される SUGHRUE MION 法律事務所のすべての弁護士を、同顧客番号のもとに記載される個々の弁護士は Sughrue Mion 法律事務所のための自由裁量に基づき変更され得ることを認識した上で、本特許出願の手続きおよびそれに関わる米国特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同 USPTO 顧客番号のもとに提出された住所宛に送付されることを要請します。

POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

### STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. §1.69(b):

The declaration and power of attorney is an accurate translation of the corresponding English language declaration and power of attorney.

Signature

Date

  
04/09/2004

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

電話連絡は下記へ：

SUGHRUE MION, PLLC  
(202) 293-7060

Direct Telephone Calls to:

SUGHRUE MION, PLLC  
(202) 293-7060

#### NAME OF SOLE OR FIRST INVENTOR:

唯一あるいは第一の発明者名

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Kazunori

Family Name or Surname

姓

KANEDA

Inventor's signature

発明者の署名

Kazunori Kaneda

Date

日付

September 11, 2006

Residence:

住所:

Sayama-shi, Saitama Japan

Citizenship

国籍

Japanese

Mailing Address:

郵送先:

c/o BRIDGESTONE CORPORATION, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531  
Japan

#### NAME OF SECOND INVENTOR:

第二の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Yoshinori

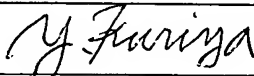
Family Name or Surname

姓

KURIYA

Inventor's signature

発明者の署名



Date

日付

September 11, 2006

Residence:

住所:

Kodaira-shi, Tokyo, Japan

Citizenship

国籍

Japanese

Mailing Address:

郵送先:

c/o BRIDGESTONE CORPORATION, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531  
Japan

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 C.F.R. 1.63)

## 特許出願宣言書および委任状(37 C.F.R. 1.63)

### Japanese Language Declaration

私は以下の通り宣言します：

各発明者の住所、郵送先、および国籍は下記氏名の後に記載された通りです。

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、下記に記載された発明者が本来かつ最初の発明者であると信じます。

---

---

---

---

---

☐ 上記発明の明細書は本書に添付されます。

または

☐ 上記発明は米国出願番号あるいは PCT 国際出願番号 \_\_\_\_\_ (確認番号 \_\_\_\_\_) として \_\_\_\_\_ 年 \_\_\_\_ 月 \_\_\_\_ 日に提出され、  
\_\_\_\_\_ 年 \_\_\_\_ 月 \_\_\_\_ 日に補正されました (該当する場合)。

私は補正が上に明示された場合は補正された特許請求範囲を含む前記明細書の内容を検討し、理解していることをここに表明します。

私は一部継続出願の場合先行出願の出願日から一部継続出願の国内あるいは PCT 国際出願日までの期間中に入手された重要な情報を含み、37 C.F.R. 1.56 に定義される特許性に肝要な情報について開示義務があることを認めます。

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RUBBER COMPOSITION AND PNEUMATIC TIRE USING  
THE SAME

☐ the specification of which is attached hereto

OR

☒ was filed on March 7, 2005  
as United States Application Number or PCT  
International Application Number PCT/JP2005/003908  
(Confirmation No. \_\_\_\_\_),  
and was amended on \_\_\_\_\_

\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

## Japanese Language Declaration

私は 35 U.S.C. 119(a)-(d) あるいは (f), または 365(b) に基づき特許、発明者、あるいは植物育種家証書の下記外国出願、または 365(a) に基づきアメリカ合衆国以外の少なくとも 1ヶ国を指定した下記 PCT 国際出願についての外国優先権特典をここに主張するとともに、下記項目に x 印を付けることにより優先権を主張する出願以前の出願日を有する特許、発明者、あるいは植物育種家証書の外国出願または PCT 国際出願を示します。

Prior Foreign Application Number(s)  
先行外国出願番号

2004-70,663	Japan
(Application Number) (出願番号)	(Country) (国名)

2004-70,892	Japan
(Application Number) (出願番号)	(Country) (国名)

私は 35 U.S.C. 119(e) に基づき下記の米国仮特許出願の国内優先権をここに主張します。

(Application Number) (出願番号)	(Filing Date) (出願日)
--------------------------------	------------------------

(Application Number) (出願番号)	(Filing Date) (出願日)
--------------------------------	------------------------

私は 35 U.S.C. 120 に基づき下記米国特許出願、あるいは 365(c) に基づき米国を指定する下記 PCT 国際出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が 35 U.S.C. 112 の最初の項に規定される方法により先行米国あるいは PCT 国際特許出願で開示されていない限りにおいて 37 C.F.R. 1.56 に定義される本出願の特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいは PCT 国際出願日までの期間中に入手された情報について開示義務があることを認めます。

Prior U.S. or International Application Number(s)  
先行米国あるいは国際出願番号

(Application Number) (出願番号)	(Filing Date) (出願日)
--------------------------------	------------------------

(Application Number) (出願番号)	(Filing Date) (出願日)
--------------------------------	------------------------

私は本宣言書内で私自身の知識に基づいてなされたすべての陳述が真実であり、情報および信ずるところに基づいてなされたすべての陳述が真実であると信じられていることをここに宣言し、さらに故意になされた虚偽の陳述等々は 18 U.S.C. 1001 に基づき罰金あるいは拘禁または両方による処罰にあたり、またかような故意による虚偽の陳述はそれに基づく特許出願あるいは成立特許の有効性を危うくする可能性があることを認識した上でこれらの陳述をなしたことを宣言します。

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Priority Claimed?  
優先権の主張 ?

Yes 有り	No 無し
<input checked="" type="checkbox"/>	<input type="checkbox"/>

12.03.2004	
(Filing Date) (出願日)	

12.03.2004	
(Filing Date) (出願日)	

<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------

I hereby claim domestic priority under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

I hereby claim benefit under 35 U.S.C. 120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Status: patented, pending, abandoned)	
(状態: 特許成立済、係属中、放棄済)	

(Status: patented, pending, abandoned)	
(状態: 特許成立済、係属中、放棄済)	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



## Japanese Language Declaration

委任状：私は下記の米国特許商標局（USPTO）顧客番号のもとに記載される SUGHRUE MION 法律事務所のすべての弁護士を、同顧客番号のもとに記載される個々の弁護士は Sughrue Mion 法律事務所のための自由裁量に基づき変更され得ることを認識した上で、本特許出願の手続きおよびそれに関わる米国特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同 USPTO 顧客番号のもとに提出された住所宛に送付されることを要請します。

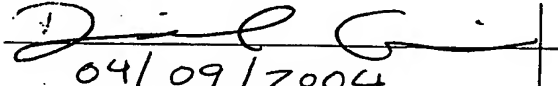
POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

### STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. §1.69(b):

The declaration and power of attorney is an accurate translation of the corresponding English language declaration and power of attorney.

Signature

Date

  
04/09/2004

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

電話連絡は下記へ：

SUGHRUE MION, PLLC  
(202) 293-7060

Direct Telephone Calls to:

SUGHRUE MION, PLLC  
(202) 293-7060

#### NAME OF SOLE OR FIRST INVENTOR:

唯一あるいは第一の発明者名

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Kazuya

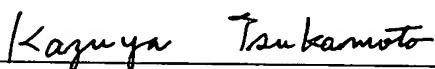
Family Name or Surname

姓

TSUKAMOTO

Inventor's signature

発明者の署名



Date

日付

Sept. 13, 2006

Residence:

住所:

Youshudai-nishi, Ichihara-shi, Chiba, Japan

Citizenship

国籍

Japanese

Mailing Address:

郵送先:

c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 Japan

#### NAME OF SECOND INVENTOR:

第二の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Nobumasa

Family Name or Surname

姓

ARASHIBA

Inventor's signature

発明者の署名



Date

日付

Sept. 11, 2006

Residence:

住所:

Konan Minato-ku, Tokyo, Japan

Citizenship

国籍

Japanese

Mailing Address:

郵送先:

c/o MITSUI CHEMICALS, INC., 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 Japan

## NAME OF THIRD INVENTOR:

第三の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合]) Akinori		Family Name or Surname 姓 NAGATOMO	
Inventor's signature 発明者の署名 <i>Akinori Nagatomo</i>		Date 日付 August 23, 2006	
Residence: 住所: Joshin-machi, Omuta-shi, Fukuoka, Japan		Citizenship 国籍 Japanese	
Mailing Address: 郵送先: c/o MITSUI CHEMICALS, INC., 30, Asamutacho, Omuta-shi, Fukuoka 836-8610 Japan			

## NAME OF FOURTH INVENTOR:

第四の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合]) Kouki		Family Name or Surname 姓 OOGAKI	
Inventor's signature 発明者の署名 <i>Kouki Oogaki</i>		Date 日付 August 28, 2006	
Residence: 住所: Shin-machi, Otake-shi, Hiroshima, Japan		Citizenship 国籍 Japanese	
Mailing Address: 郵送先: 1-2, Waki 6-chome Wakicho, Kuga-gun, Yamaguchi 740-0061 Japan c/o MITSUI CHEMICALS, INC., 30, Asamutacho, Omuta-shi, Fukuoka 836-8610 Japan K.O.			

## NAME OF FIFTH INVENTOR:

第五の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合]) Takeshi		Family Name or Surname 姓 KOBAYASHI	
Inventor's signature 発明者の署名 <i>Takeshi Kobayashi</i>		Date 日付 August 23, 2006	
Residence: 住所: Shimoshirakawa-machi, Omuta-shi, Fukuoka, Japan		Citizenship 国籍 Japanese	
Mailing Address: 郵送先: c/o MITSUI CHEMICALS, INC., 30, Asamutacho, Omuta-shi, Fukuoka 836-8610 Japan			

## NAME OF SIXTH INVENTOR:

第六の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
Residence: 住所:		Citizenship 国籍	
Mailing Address: 郵送先:			

## NAME OF SEVENTH INVENTOR:

第七の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
Residence: 住所:		Citizenship 国籍	
Mailing Address: 郵送先:			